1. Originator Jim Mather	2. Log Date: 12/2/98	3. CCR #: 98-1240	4. Rev: —	5. Tel: ex 0435	6. Off: 2107a	7. Org. sed

8. Title of Change: Technical Bulletin - Disk Label Protection when doing Raw Partitions

9. Originator Signature *Jim P Matz*	10. Date: 12/1/98	11. Class II	12. Type: CCR	13. Need Date: 12/03/98	
14. Office Manager Signature *Karl Gollins*	15. Date: 12/1/98	16. Date CCB Decision Needed: 12/03/98	17. Category of Change: Other	18. Priority: Routine	

19. Documentation/Drawings Impacted: none	20. Schedule Impact: none	21. CI(s) Affected: none

22. Release Affected: na	23. Date due to Customer: 12/037/98	24. Impl. Date: 12/03/98	25. Effectivity of Change: immed	26. Est. Cost None

27. Source Reference: ☒NCR (attach) ☐Action Item ☐ GSFC CCR ☐Tech Ref. ☐Other:
ECSed12960

28. Description of Change: (use additional Sheets if necessary)
Issue a Technical Bulletin stating not to use cylinder zero when creating a raw partition.

29. Proposed Solution: (use additional sheets if necessary)
When partitioning the disk for a Raw partition such as Sybase, do not start at cylinder zero.

30. Alternate Solution: (use additional sheets if necessary)
none

31. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Disk type and label information will be lost

32. Does Change Affect Any of the following (Please Explain on additional sheet):
☐Maintenance Training ☐Performance ☐Operation Training ☐Safety ☐Service ☐Support ☐Test
☐Baseline (XRP) ☐Y2K Compliance

33. Organization(s) Affected: ☐CM ☐Clearcase SG ☐Contracts ☐Chief Eng ☐FOS ☐M&O
☐QO ☐Rel Dev ☐Procurement ☐RTSC ☐Sci. Data Eng ☐Securi\
☐Sys. Dev. ☒Sys. Eng. ☐Sys Verf Acpt ☐Other

34. Site(s) Affected: ☒EDF ☒Mini-DAAC ☒VATC ☒EDC ☒GSFC ☒LaRC ☒NSIDC ☒SMC ☐AK ☐JPL
☒EOC ☐Other

35. Board Comments:	36. Work Assigned To: *RTSC + DAACs*

37. Release Authorized (For CM Use Only): ☐Yes ☐No | **38. CM Verified/Signature and Date**

39. EDF/REL2 CCB Chair (Sign/Date): *Mark McDonald 12/3/98*	40. Disposition: ☒App ☐Ap/C ☐DisApproved ☐Withdraw ☐Fwd/ECS ☐Fwd/ESDIS	41. ESDIS ERB Concurrence:
42. ECS CCB Chair (Sign/Date):	43. Disposition: App☐ A/C☐ DisApproved☐ Withdraw☐	44. CCR Closed Date:

ORIGINAL

Raytheon
Systems

ECS Project

Engineering Technical Bulletin

98 -008

Subject: Disk Label gets wiped out when creating raw partitions when starting at cylinder zero
The following bulletin is applicable to all DAACS and labs using SUN Solaris.

Issue:
When partitioning a disk to create a raw partition such as the partitions used for Sybase, the disk label information will be overwritten if starting at cylinder zero. This will cause the loss of the disk label which includes the drive type and the disk partition information.

Note: While SUN does not have written documentation to support this, SUN has verified this to be true via a phone contact.

Fix:
When partitioning the disk for raw partitions do not start at cylinder zero. The first slice on the disk must start with cylinder one.

Testing:
NA

Implementation:
NA

Point of Contact:
Randy Bollinger   ext. 301-925-0549

Approved By/Date: M. McDonald
                        REL2 CCB Chairman

Reference CCR: 98-1240

--------End of Directive-------